

Converting Colors

`RYB(169, 203, 242)`

Have a look what the booklet for
RYB(169, 203, 242) contains.

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Color

R_YB(169, 203, 242)

Conversions

Conversions Part 1

Format	Color
Hex	A9E9F2
RGB	169, 233, 242
RGB Percent	66%, 91%, 95%
CMY	0.3373, 0.0877, 0.0510
CMYK	0.30, 0.04, 0.00, 0.05
HSL	188°, 74%, 81%
HSV	188°, 30%, 95%
XYZ	61.4266, 72.9206, 94.8420
YIQ	214.8900, -41.0330, -10.7690

Conversions

Conversions Part 2

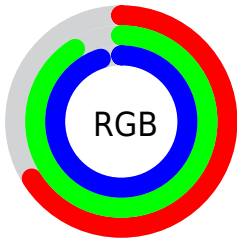
Format	Color
R _Y B	169, 203, 242
Decimal	11135474
CIE Lab	88.41, -17.75, -10.99
CIE LCh	88, 20.877, 211.756
Yxy	72.9206, 0.2680, 0.3182
Android (android.graphics.Color)	4289325554 (0xFFA9E9F2)
YUV	214.8900, 13.3652, -40.2455
Hunter-Lab	85.3936, -21.0374, -6.0747

Details

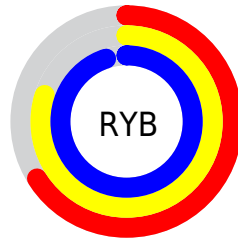
The RYB color **169, 203, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 179, 169**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **226, 241, 255**, and **114, 148, 186** is the 20% darker color. If you saturate the color by 10%, you get **145, 190, 242**, and if you desaturate by 10%, it is **193, 216, 242**.

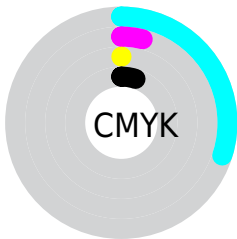
Distribution



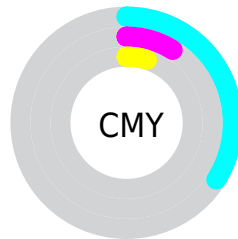
- Red (66%)
- Green (91%)
- Blue (95%)



- Red (66%)
- Yellow (80%)
- Blue (95%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (34%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 169, 203, 242 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 169, 203, 242 by changing the saturation by 10% instead.


 169, 203, 242


 169, 203, 242


255, 255, 255

 141, 175, 214

 226, 241, 255

 114, 148, 186


 87, 121, 159

 61, 95, 133

 32, 68, 108

 0, 39, 83


 0, 28, 60

 0, 17, 39


 0, 1, 18

 169, 203, 242


 169, 203, 242

 145, 190, 242


 193, 216, 242

 121, 177, 242

 217, 229, 242

 96, 164, 242


 242, 242, 242

 72, 151, 242

 255, 246, 242

 48, 138, 242

 255, 253, 242

 24, 126, 242

 248, 255, 242

 0, 113, 242

 243, 255, 242

 242, 255, 242

Harmonies

Analogous

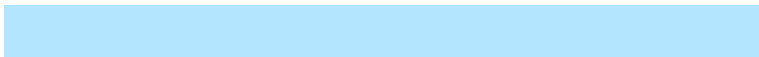
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175, 207, 233



169, 203, 242



179, 209, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



169, 203, 242



249, 211, 241



203, 236, 182

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



169, 203, 242



242, 179, 169

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 232, 187



169, 203, 242



255, 208, 221

Square

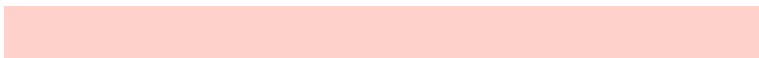
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169, 203, 242



227, 216, 255



255, 210, 202



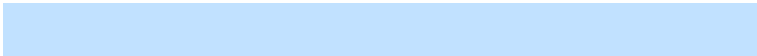
188, 227, 201

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169, 203, 242



193, 214, 255



255, 210, 202



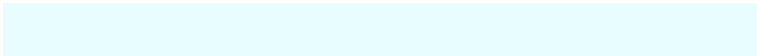
223, 243, 183

Sweetspot

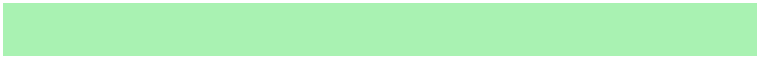
The Sweet Spot groups the original color and five complimentary colors.



169, 203, 242



232, 243, 255



169, 234, 242



113, 120, 128



0, 0, 0



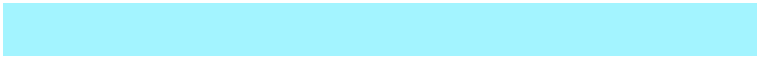
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



169, 203, 242



163, 206, 255



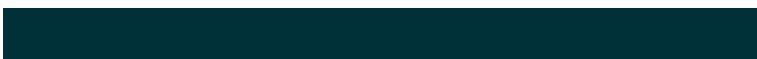
169, 189, 242



108, 113, 120



0, 86, 184



0, 26, 56

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



242, 169, 233



255, 163, 243



214, 242, 169



120, 108, 118



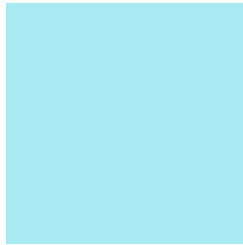
184, 0, 160



56, 0, 49

Previews

White Background



This preview shows how the RYB color 169, 203, 242 looks on a white background.

Color Contrast Check

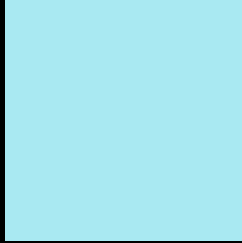
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 169, 203, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 169, 203, 242 Background



This preview shows how black text looks on a background with the RYB color 169, 203, 242.



This preview shows how white text looks on a background with the RYB color 169, 203, 242.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





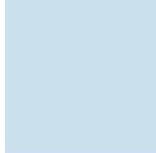
Tritanopia
171, 205, 250

Trichromacy



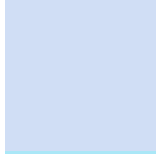
Original Color

169, 203, 242



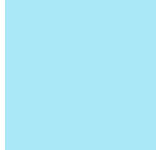
Protanomaly

202, 216, 237



Deuteranomaly

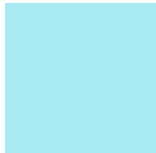
208, 218, 245



Tritanomaly

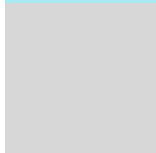
170, 204, 247

Monochromacy



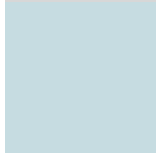
Original Color

169, 203, 242



Achromatopsia

215, 215, 215



Achromatomaly

198, 210, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 203, 242 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 233, 242)` looks like.

```
.text, #text, p{  
    color:rgb(169, 233, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 233, 242) }
```

Border

The CSS property to change the border of an element to RYB 169, 203, 242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 233, 242) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 233, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(169, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(169, 233,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 169, 203, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 233, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169,  
233, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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